

CLAIMS

We claim:

1. A crib device comprising:

- a. a dropside assembly means,
- b. a latching means,
- c. a corner leg means,

whereby activating said latching means allows for the release of said dropside assembly means from said corner leg means with reduced risk of injury to both the user of the crib and the occupant of said crib.

2. The device of claim 1, wherein said dropside assembly means comprises a top horizontal bar and a bottom horizontal bar, slats attached to said bars and spaced at intervals, a left side rail slat, a left side rail attached to said left side rail slat, a right side rail slat, a right side rail attached to said right side rail slat.

3. The device of claim 1, wherein said latching means comprises a latching bar and catch elements that can be actuated via a pressure plate connected to said catch elements by a latch rod, such that the double action of pushing said plate in one direction and then a second direction releases said latch rod from said catch elements.

4. The device of claim 1, wherein said corner leg means comprises a left corner leg and a right corner leg each with a slotted region to receive a side rail from said dropside assembly means, a channeled region in each leg to receive a slide rod, said slide rod mounted in each channeled region, and latch rod recesses in each leg to serve as a catch element for said latching means.

5. The device of claim 1, wherein said dropside assembly means comprises a top horizontal bar and a bottom horizontal bar, slats attached to said bars and spaced at intervals, a left side rail slat, a left side rail attached to said left side rail slat, a right side rail slat, a right side rail attached to said right side rail slat; wherein said latching means comprises a latching bar and catch elements that can be actuated via a pressure plate connected to said catch elements by a latch rod, such that the double action of pushing said plate in one direction and then a second direction releases said latch rod from said catch elements; and wherein said corner leg means comprises a left corner leg and a right corner leg each with a slotted region to receive a side rail from said dropside assembly means, a channeled region in each corner leg to receive a slide rod, said slide rod mounted in each said channeled region, and latch rod recesses in each leg to serve as a catch element for said latching means, whereby activating said latching means allows for the release of said dropside assembly means along said corner leg means with reduced risk of injury to both the user of the crib and the occupant of said crib as said side rail slats block unwanted access to said slotted regions of said corner legs.
6. Crib hardware for a releasable crib side comprising a side rail, which is attached to a side rail slat, and thereby to a dropside means, and which has a channel for receiving a rod, said side rail being placed within a slotted region of a corner leg, which has a channel for receiving a slide rod, a slide rod placed through said channels, and a latching means for holding said dropside means in a locked upright position and for releasing said dropside means to a fully lowered position, whereby activating said latching means allows for the release of said side rail within said slotted region of a corner leg so that said dropside means moves vertically along said slide rod with reduced risk of injury to both the user of the crib and the occupant of said crib as said side rail slat blocks unwanted access to said slotted region of said corner leg.

7. The crib hardware as defined in claim 6, wherein said dropside means comprises a top horizontal bar, a bottom horizontal bar, and slats attached to said bars and spaced at intervals.
8. The crib hardware as defined in claim 6, wherein said latching means comprises a latching bar and catch elements that can be actuated via a pressure plate connected to said catch elements by a latch rod, such that the double action of pushing said plate in one direction and then a second direction releases said latch rod from said catch elements.
9. The crib hardware as defined in claim 6, wherein the components fit into both the right and left sides of a crib.
10. The crib hardware as defined in claim 6, wherein said dropside means comprises a top horizontal bar, a bottom horizontal bar, and slats attached to said bars and spaced at intervals; wherein said latching means comprises a latching bar and catch elements that can be actuated via a pressure plate connected to said catch elements by a latch rod, such that the double action of pushing said plate in one direction and then a second direction releases said latch rod from said catch elements; and wherein the components fit into both the right and left sides of a crib.
11. A device for lifting and lowering a movable side of a baby's crib, said device comprising:
 - a. a movable side means comprising a top horizontal bar and a bottom horizontal bar, slats attached to said bars and spaced at intervals, a left side rail slat, a left side rail attached to said left side rail slat, a right side rail slat, a right side rail attached to said right side rail slat,

- b. a latching means comprising a latching bar and catch elements that can be actuated via a pressure plate connected to said catch elements by a latch rod, such that the double action of pushing said plate in one direction and then a second direction releases said latch rod from said catch elements,
- c. a corner leg means comprising a left corner leg and a right corner leg each with a slotted region to receive a side rail from the movable side means, a channeled region in each leg to receive a slide rod, a slide rod mounted in each said channeled region, and latch rod recess to serve as said catch element for said latching means,

whereby activating said latching means allows for the release of said side rails within said slotted regions of said corner leg means so that said movable side means moves vertically along said slide rods with reduced risk of injury to both the user of said crib and the occupant of said crib as said side rail slats block unwanted access to said slotted regions of said corner legs means.